

GILA RIVER BASIN

09512450 AGUA FRIA RIVER NEAR HUMBOLDT, AZ

LOCATION--Lat 34°29'07", long 112°14'15", in SW_{1/4}NW_{1/4} sec. 22, T.16 N., R.1 E., Yavapai County, Hydrologic Unit 15070102, on right bank 0.9 mi southeast from Humboldt.

DRAINAGE AREA--Undetermined.

PERIOD OF RECORD--Jan. 2000 to current year.

GAGE--Water-stage recorder and crest-stage gage. Elevation of gage is 4,400 ft above sea level, from topographic map.

REMARKS--Records fair except for estimated daily discharges, which are poor. No diversion upstream from station.

EXTREMES FOR PERIOD OF RECORD--Maximum discharge, 11,900 ft³/s, based on an extension of the rating curve, Sept. 8, 2002 at 1815, gage height 15.18 ft; minimum daily discharge, no flow for many days.

EXTREMES FOR CURRENT YEAR--Peak discharges greater than base discharge of 1,000 ft³/s and maximum (*):

	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
	July 14.....	unknown	*9,970	*14.54a
	July 27.....	1615	2,560	10.79
	Aug. 6.....	unknown	5,440	12.67a

Minimum daily discharge, no flow, June 27 to July 13.

a- from floodmark

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	1.7	1.4	4.0	2.2	2.5	2.0	1.3	0.76	0.00	1.4	1.2
2	1.4	1.8	1.5	4.0	2.1	2.5	2.6	1.3	0.70	0.00	1.3	1.1
3	1.4	1.9	1.4	4.3	2.1	2.5	2.4	1.3	0.66	0.00	1.3	1.1
4	1.4	1.9	1.5	3.5	2.1	2.5	2.3	1.4	0.50	0.00	1.3	1.2
5	1.4	2.0	1.6	2.7	2.1	2.4	2.4	1.4	0.46	0.00	1.5	1.1
6	1.4	2.2	1.7	2.6	2.1	2.4	2.4	1.4	0.36	0.00	297	1.1
7	1.5	2.2	1.8	2.5	2.1	2.3	2.4	1.3	0.36	0.00	e99	1.1
8	1.5	2.2	1.8	2.6	2.1	2.2	2.3	1.4	0.46	0.00	e12	1.1
9	1.5	2.1	1.8	2.6	2.1	2.2	2.3	1.2	0.46	0.00	e1.4	1.0
10	1.5	2.3	1.8	2.3	2.1	2.1	2.3	1.2	0.47	0.00	1.3	1.1
11	1.5	2.4	1.9	2.0	2.1	2.1	2.2	1.1	0.48	0.00	1.2	1.1
12	1.5	4.6	2.0	2.0	2.1	2.1	1.1	0.39	0.00	41	1.0	
13	1.4	4.1	2.2	2.2	2.3	2.1	2.1	1.1	0.33	0.00	229	1.0
14	1.4	1.8	2.2	4.3	2.3	2.0	2.1	1.1	0.29	e200	3.4	1.0
15	1.4	1.7	2.2	4.5	2.3	1.9	2.1	1.0	0.25	e4.0	2.0	0.99
16	1.5	1.7	2.2	5.0	2.3	1.8	2.0	0.99	0.18	e1.0	1.7	0.96
17	1.5	1.7	2.3	5.6	2.3	1.8	2.0	0.96	0.16	e1.0	1.4	0.94
18	1.4	1.6	2.5	5.5	2.3	1.8	1.9	0.96	0.09	e2.5	1.7	1.1
19	1.4	1.6	2.5	5.7	2.3	1.7	1.7	0.92	0.04	e3.0	1.4	49
20	1.5	1.7	2.5	5.3	2.4	1.7	1.7	0.99	0.10	2.6	3.4	e1.3
21	1.5	1.6	2.5	3.7	2.5	1.7	1.6	1.0	0.10	1.2	1.7	e1.3
22	1.5	1.7	2.5	2.4	2.6	1.7	1.6	1.1	0.15	1.0	1.4	e1.3
23	1.5	1.6	2.6	2.2	2.8	1.7	1.4	1.2	0.18	0.98	1.3	e1.3
24	1.5	1.6	2.6	2.2	2.5	1.7	1.4	1.1	0.19	0.98	1.3	1.3
25	1.5	1.4	2.6	2.1	2.5	1.7	1.3	1.0	0.21	1.00	1.2	1.3
26	1.5	1.5	2.6	2.1	2.6	1.7	1.2	1.0	0.07	1.0	1.2	1.3
27	1.5	1.4	2.6	2.2	2.6	1.7	1.2	0.98	0.00	130	1.2	1.3
28	1.5	1.4	2.7	2.3	2.5	1.7	1.2	0.82	0.00	e11	1.1	1.3
29	1.5	1.5	2.8	2.3	2.5	1.8	1.1	0.82	0.00	e1.7	1.1	1.3
30	1.5	1.4	3.2	2.2	---	1.9	1.2	0.85	0.00	1.6	1.1	1.3
31	1.6	---	3.7	2.1	---	1.9	---	0.69	---	1.5	1.1	---
TOTAL	45.5	58.3	69.2	99.0	66.9	61.8	56.5	33.98	8.40	366.06	717.4	82.49
MEAN	1.47	1.94	2.23	3.19	2.31	1.99	1.88	1.10	0.28	11.8	23.1	2.75
MAX	1.6	4.6	3.7	5.7	2.8	2.5	2.6	1.4	0.76	200	297	49
MIN	1.4	1.4	1.4	2.0	2.1	1.7	1.1	0.69	0.00	0.00	1.1	0.94
MED	1.5	1.7	2.2	2.6	2.3	1.9	2.0	1.1	0.23	1.00	1.4	1.1
AC-FT	90	116	137	196	133	123	112	67	17	726	1420	164

CAL YR 2003 TOTAL 670.38 MEAN 1.84 MAX 39 MIN 0.00 MED 1.6 AC-FT 1330
WTR YR 2004 TOTAL 1665.53 MEAN 4.55 MAX 297 MIN 0.00 MED 1.6 AC-FT 3300

e Estimated